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M E D I C A L O F F I C E R ' S R E P O R T

FOR THE YEAR ENDED
31st DECEMBER, 1959.

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F.W. GAVIN, M.D., Ch.B., D.P.H. (Univ. Edin.)

TO THE CHAIRMAN, LADIES AND GENTLEMEN
OF THE RICHMOND RURAL DISTRICT COUNCIL

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the health of the District for the year ended 31st December, 1959.

The report follows the lines laid down by the Minister of Health.

Once again the vital statistics may be considered satisfactory, the total number of live births registered during the year - 443 - compares with 471 in the year 1958, and the birth rate (corrected by the Comparability Factor supplied by the Registrar General), at 20.42 is higher than that for England and Wales at 16.5.

The death rate (again corrected by the Comparability Factor) at 8.72 (10.90 in 1958) compares with the National Rate at 11.6.

There were 9 deaths of infants under one year of age, and of these deaths 5 were under one week of age - this neo-natal mortality is difficult to assess and is the subject of much research in the ante-natal period of life. The infantile mortality rate 20.32 is lower than the National Rate at 22.00. Prematurity still remains the main cause for these infantile deaths.

It is pleasing to record yet again no maternal deaths during the year. Stillbirths at 13.36 is lower than the corresponding figure for England and Wales at 20.7.

On considering the number of deaths in the district, 146, the male deaths 91 were much reduced on the total for 1958 (145); on the other hand female deaths 55 were somewhat increased on the total for 1958 (46).

Once again the main cause of death was heart disease with 34 deaths (41 in 1958), and vascular disease of the nervous system with 23 deaths (36 in 1958) a welcome decline in both of these important causes of death.

There were 13 deaths from pneumonia (19 in 1958) and five deaths from tuberculosis (6 in 1958); only 19 deaths were due to

cancer (41 in 1958) and constitutes one of the most favourable aspects of this report; recent scientific discoveries in the mysterious behaviour of the living cells gives hope of possible spectacular advances in the campaign of intensive research against this group of diseases during the next decade.

Vaccination against poliomyelitis. Immunisation against poliomyelitis was intensified during the year with more vaccine available and the extension to all persons up to the age of 40 years (excepting babies under six months of age) and with certain small priority groups of any age. Up to the end of 1959 some 3,560 persons had received three injections against poliomyelitis in the District.

Four hundred and sixty-nine cases of infectious diseases were notified in the District compared with 72 cases in 1958, the bulk of these cases were due to an epidemic which was concentrated mainly in the first half of the year, ceasing during August. These "measles years" occur every other year, the last one in 1957, the next is expected in 1961.

During the year 1959 there were no cases of whooping cough recorded in the District, and in this connection pertussis vaccination is known to be 80 to 90% successful. It may well be that this procedure was responsible for the absence of cases of this disease, which is still a potential menace to small children particularly in the first year of life. Eleven cases of scarlet fever were notified in 1959, eight of these occurred in the Catterick Camp Area and they were scattered throughout seven months of the year - there was no apparent school spread.

Four cases of primary pneumonia were recorded during the late Winter or early Spring months of the year, and the villages where they occurred were Scorton (2), Ravensworth (1) and Middleton Tyas (1).

Four cases of sonne dysentery were notified, three were soldiers at Catterick Camp; and the fourth case was at Catterick Village in November; seven soldiers at Catterick Camp had chicken pox which is not compulsorily notifiable in this area.

A small outbreak of food poisoning - 12 cases in all were recorded in March; all cases were soldiers treated at the Military Hospital and investigated by the R.A.M.C. (Hygiene Section).

There were no cases of poliomyelitis notified in this District during the year 1959.

Two cases of puerperal pyrexia in the wives of soldiers were admitted to Catterick Camp Military Hospital, and one case of malignant tertian malaria occurred in a soldier also stationed at Catterick Camp.

There were 5 cases of pulmonary tuberculosis notified in 1959, c.f. 10 in 1958. There were no cases of non-pulmonary tuberculosis notified during the year, c.f. in 1958.

National Assistance Act, 1948, Section 47.

No case requiring action under this section of the Act arose during 1959.

The close of the year 1959 was also the close of a decade and it is interesting to review progress made during this period. Perhaps the most important advances have been in connection with vaccination against poliomyelitis and against whooping cough, also B.C.G. vaccination against tuberculosis.

The provision of smokeless zones in the large towns is of great importance in the control of bronchitis and other respiratory diseases - this can be achieved by the Clean Air Act, 1956 which, however, applies to the conurbations especially.

Unfortunately the public at large has not yet appreciated the undoubted relationship between excessive cigarette smoking and cancer of the lungs and bronchi, and in this connection cigar and pipe smoking appear to be less dangerous than the cigarette.

Drainage and Sewerage.

Sewerage works are urgently required for the villages of Tunstall, Moulton, Ravensworth, Downholme and Dalton, and all are already under way or will be considered in the near future, and the villages of East Layton and Carkin, Caldwell, Gayles, Kirby Hill, Marske and Whashton where sewerage schemes are indicated.

Melsonby and Middleton Tyas schemes are nearly completed.

Water Supplies.

At Hudswell the new scheme is nearly complete, and urgent attention is required at Marske Village.

Re-grouping of several local authorities in the proposed Dales Water Board is likely to materialise at an early date, being

part of the Government's scheme for achieving a more satisfactory distribution of available water supplies in the County generally.

For details of these schemes see the Annual Report of Mr. Needham Chief Public Health Inspector, in the Sanitary Circumstances of the District.

Housing - Food Inspections - Refuse Disposal:- are conjoined with my Report and follow.

F.W. GAVIN.

Medical Officer of Health.

PUBLIC HEALTH STAFF

Medical Officer of Health:

F.W. GAVIN, M.D., M.B., Ch.B., D.P.H.

Public Health Inspector:

S.V. NEEDHAM, M.A.P.H.I., C.R.S.I., C.I.S.B., D.R.I.P.H.

Additional Public Health Inspector:

T.E. OWENS, M.A.P.H.I.

GENERAL STATISTICS

Area of District in acres	...	...	...	78,681
Resident Population, Registrar General's mid-year estimate, 1959	...	...	...	26,250
Number of inhabited houses	...	...	...	3,326
and W.D. and R.A.F. owned houses	...	...	...	1,626
Rateable value at 1st April, 1959	...	...	...	£251,185
Sum represented by a penny rate	...	...	...	£969
Rate in £ levied at 1st April, 1959	...	...	...	15/10d.

VITAL STATISTICS

Births.

The number of live births registered in the District during the year 1959 was 443, as against 471 in 1958. The birth rate comparisons show that the rate for the District is again higher than that for the rest of England and Wales.

The number of still births registered during the year was 6, as against 8 for 1958, the rate again being lower than that for the rest of England and Wales.

Birth Rate Comparisons.

Live births per 1,000 population (as adjusted by Comparability Factor supplied by the Registrar General). Still births per 1,000 live and still births.

			Live Births	Still Births
Richmond Rural District, 1959	...	...	20.42	13.36
Richmond Rural District, 1958	...	...	21.15	16.70
England and Wales	...	...	16.50	20.70

Analysis of Births

			1959		1958	
Live Births:-			M	F	M	F
Legitimate	...	...	228	209	219	231
Illegitimate	...	...	3	3	10	11
			<hr/>	<hr/>	<hr/>	<hr/>
			231	212	229	242
			<hr/>	<hr/>	<hr/>	<hr/>

				1959		1958	
				M	F	M	F
Still Births:-							
	Legitimate	...	...	2	4	1	6
	Illegitimate	...	...	-	-	-	1
	Totals	...	...	2	4	1	7

Deaths - Maternal Mortality.

During 1959 there was no case of a woman dying in, or in consequence of childbirth in the District as in 1958, 1957 and 1956.

Maternal Mortality Rate Comparisons per 1,000 Total Births.

Richmond Rural District, 1959	...	...	0.00
Richmond Rural District, 1958	...	...	0.00

Infantile Mortality.

The number of infants under one who died during the year was 9 against 7 in 1958, the rate being lower than that for England and Wales.

Infantile Mortality Comparisons per 1,000 Live Births.

Richmond Rural District, 1959	...	...	20.32
Richmond Rural District, 1958	...	...	14.86
England and Wales, 1959	...	...	22.00

Deaths from all Causes.

During the year 1959 there were 146 deaths from all causes registered in the District, as against 191 in 1958. The death rate is again lower than that for England and Wales.

Death Rate Comparisons.

Death rate per 1,000 population (as adjusted by Comparability Factor supplied by the Registrar General).

Richmond Rural District, 1959	...	...	8.72
Richmond Rural District, 1958	...	...	10.90
England and Wales, 1959	...	...	11.60

Causes of all Deaths - Compared with 1958.

						1959		1958	
<u>Diseases</u>						M	F	M	F
Tuberculosis of Respiratory System						2	2	4	-
Tuberculosis, Other						1	-	1	1
Syphilitic Disease						1	-	-	-
Other Infective and Parasitic Diseases						-	-	2	-
Malignant Neoplasm, Stomach						4	1	3	-
" " Lung						1	2	10	-
" " Breast						-	1	-	3
" " Uterus						-	-	-	1
Other Malignant and Lymphatic Neoplasms						7	2	16	8
Leukeamia						1	-	-	-
Diabetes						2	1	-	1
Vascular Lesions of Nervous System						15	8	27	9
Coronary Diseases, Angina						14	6	19	3
Hypertension with Heart Disease						2	-	2	1
Other Heart Diseases						3	9	9	7
Other Circulatory Diseases						5	5	4	3
Influenza						2	1	-	1
Pneumonia						9	4	18	1
Bronchitis						1	1	2	-
Other Diseases of Respiratory System						-	-	13	5
Ulcer of Stomach and Duodenum						1	-	1	-
Gastritis, Enteritis and Diarrhoea						-	-	-	-
Hyperplasia of Prostate						-	-	2	-
Nephritis and Nephrosis						2	-	4	1
Congenital Malformations						-	2	-	-
Other Defined and Ill-Defined Diseases						7	6	-	-
Motor Vehicle Accidents						6	1	4	-
All Other Accidents						4	3	2	1
Suicide						1	-	2	-
						<u>91</u>	<u>55</u>	<u>145</u>	<u>46</u>

Number of Deaths from the Seven Chief Causes
Rates and Comparisons with Previous Year

						per 1,000 population			
						1959		1958	
						No.	Rate	No.	Rate
Cancer	...	...	...	...	...	19	.72	41	1.56
Heart Disease	...	...	...	...	...	34	1.29	41	1.56
Respiratory Disease (not T.B.)	...	...	...	...	...	18	.69	40	1.52
T.B. Pulmonary	...	...	...	...	...	4	.15	4	.15
T.B. Non-pulmonary	...	...	...	...	...	1	.04	2	.08
Other Circulatory Diseases	...	...	...	...	...	10	.38	7	.27
Vascular Lesions of Nervous System	...	...	...	...	...	23	.88	36	1.37
Totals						109	4.15	171	6.51

Analysis of Infectious Diseases and
Comparisons with Previous Years

						1959	1958
						No. of Cases	No. of Cases
Scarlet Fever	...	...	...	...	...	11	1
Measles	...	...	...	...	...	427	9
Acute Pneumonia	...	...	...	...	...	4	12
Chicken Pox	...	...	...	...	...	8	35
Erysipelas	...	...	...	...	...	-	1
Whooping Cough	...	...	...	...	...	-	1
Puerperal Pyrexia	...	...	...	...	...	2	2
Acute Poliomyelitis, Paralytic	...	...	...	...	...	-	2
Acute Poliomyelitis, Non-paralytic	...	...	...	...	...	-	-
Dysentery	...	...	...	...	...	4	6
Malaria	...	...	...	...	...	1	1
Meningococcal Infections	...	...	...	...	...	-	2
Food Poisoning	...	...	...	...	...	12	-
Encephalitis	...	...	...	...	...	-	-
Totals						469	72

Tuberculosis.

There were 5 notifications of Tuberculosis during the year, as compared with 13 in 1958.

Analysis of Notifications and Deaths from Tuberculosis

			Notifications		Deaths	
			1959	1958	1959	1958
Pulmonary ...	...	...	5	10	5	4
Non-pulmonary ...	...	...	-	3	-	2
			—	—	—	—
Totals ...			5	13	5	6
			—	—	—	—

Vaccinations and Immunisations.

The number of vaccinations and immunisations carried out in the District in 1959 are as follows:-

			Under 5 years	Over 5 years
Vaccinations in 1959	...	...	206	128
Vaccinations in 1958	...	...	253	166
Immunisations in 1959	...	...	377	68
Immunisations in 1958	...	...	280	68

Vaccinations against Poliomyelitis.

At the end of 1959 the number of children and others who had received three injections against poliomyelitis was 3,560.

NATIONAL HEALTH SERVICES ACT, 1946.

- Section 22. Care of Mothers and Young Children.
- Section 23. Domiciliary Midwifery.
- Section 24. Health Visiting.
- Section 25. Home Nursing.

Seven District Nurse/Midwives and two full-time Health Visitors employed by the North Riding County Council carry out the duties required by the above four sections of the Act in the District. As these nurses districts border on adjacent authorities, accurate figures of their nursing visits in the Richmond Rural District are not available, but their total figures of visits are as follows:-

			1959	1958
Domiciliary Midwifery	...	...	2368	2959
Health Visiting	...	...	7274	7314
Home Nursing	...	...	2950	4589

the majority of which refer to the Richmond Rural District.

Infant Welfare Centres.

The Sandes Home Centre continues to have weekly sessions is still attended by a lady doctor employed by the County Council, the Eagle Club Centre has weekly sessions but no doctor attends, Catterick Village Centre has fortnightly sessions, Middleton Tyas, Scorton and Colburn Lane Centres have monthly sessions and are attended by local practitioners.

Total Number of Attendances of Children at Infant Welfare Centres Compared with Previous Year

	1959	1958
Catterick Camp (Sandes Home)	2399	2379
Catterick Camp (Eagle Club)	984	818
Catterick Village	532	541
Middleton Tyas	258	188
Scorton	187	200
Colburn Lane, Catterick Camp	215	296

All the Centres are well attended by mothers and their children, particularly the Catterick Camp Centres, where the greatest concentration of population in the District occurs.

Section 27 - Ambulance Service.

This service is provided by the North Riding County Council from the Ambulance Station at Richmond, which has a staff of one Driver/Foreman, one Shift Leader and five Driver/Attendants, and covers the Borough of Richmond, and the Rural Districts of Richmond, Croft, Startforth and Reeth.

Section 28 - Prevention of Illness, Care and After-Care.

The work of vaccination and immunisation, together with the advice given by those working in the Public Health Service - Inspectors, Midwives, Maternity and Child Welfare Workers, Doctors and Nurses, must all have a beneficial effect on the general health of the community.

Section 29 - Domestic Help Service.

This service is provided by arrangement with the North Riding County Council, and during 1959 twenty-nine cases received service, the analysis and comparison with the previous year being as follows:-

1959	1958		1959	1958
No. of Cases.			No. of Hours.	
6	6	Sickness of Housewife	342	433
5	3	Domiciliary Midwifery	226	204
18	12	Chronic Sick	4931	3545
-	-	Tuberculosis	-	-
—	—		—	—
29	21		5499	4182
—	—		—	—

Section 1 - Mental Health.

There are no Mental Health Committees in the District.

Dental Service.

This service is provided by the North Riding County Council.

The remainder of the report has been compiled by you Public Health Inspector Mr. Needham, and his Staff, and I now place on record my thanks to him and them for their constant help and conscientious work throughout the year.

WATER SUPPLIES

1. Particulars of Water Supplies.

Particulars of the existing water supplies are as follows:

(a) Council's Gandale Supply	(b) Council's Crumma Supply	(c) Council's Separate Systems	(d) Private Supplies	(e) Individual
Appleton (part)	Aldbrough St. John	Downholme	Appleton (part)	New Forest
Bolton-on-Swale	Caldwell	Hudswell	Gilling (part)	Stainton
Brompton-on-Swale	Carkin and Forcett		Marske (part)	Walburn
Brough	Dalton		Middleton	
Catterick	Eppleby		Tyas (part)	
Colburn	Gayles		St. Martins	
Ellerton-on-Swale	Gilling			
North Cowton	Kirby Hill			
Scorton	Layton East		<u>W.D. Supply:</u>	
Scotton	Layton West		Hipswell	
Tunstall	Melsonby		Hudswell as	
	Middleton Tyas		supplement	
	Moulton			
	Newsham			
	Ravensworth			
	Skeeby			
	Stanwick St. John			
	Uckerby			
	Whashton			

(a), (b) and War Department supplies are chlorinated.

(a), (b), (c) and (d) supplies are piped.

2. Particulars of the Number of Dwelling-houses supplied from Public and Private Water Supplies.

The following figures are based on a survey of properties:-

Council-owned piped supplies:-

Number of houses with piped supply indoors	...	...	2296
Number of houses supplied by standpipes	...	...	<u>122</u>
			2418

Privately-owned supplies:-

Number of houses with individual piped supplies and supplied by standpipes	...	...	...	...	387
Number of houses with individual wells, springs and pumps	...	...	...	...	<u>521</u>
					<u>3326</u>

3. Bacteriological Examinations - Council's Water Supplies.

Thirty-eight samples of the Council's piped water supplies were collected during the year. The particulars and summarised results of these examinations are set out in Table I appended to this Report.

In addition to the above, three samples of the Council's piped water supplies were taken by the Public Health Officer of the North Riding County Council from the Schools in the Council's District.

4. Quality of the Council's Water Supplies.

The Council's water supplies are generally of a very high quality.

5. Action taken in respect of Contamination.

The results of the bacteriological examinations of water supplies were reported to the Council.

The Council's Engineer and Surveyor is responsible for the maintenance and distribution of water supplies

6. Quantity of the Council's Water Supplies.

Water supplies throughout the District were adequate during 1959, and despite the severe drought no restrictions were imposed.

7. Bacteriological Examinations of Private Water Supplies.

Ten samples of water were collected from private supplies during the year. The following are the particulars and results of the examinations:

Place	Date	Probable number of coliform bacilli per 100 ml.	Faecal coli per 100 ml.
Gilling (School Cottages)	27. 1.59	180+	25
Kersey Green Farm	24. 2.59	0	
Kersey Green (No.2 Spring)	3.12.59	35	35
Kersey Green (Tringill)	3.12.59	35	35
Marske School (Filtered)	23. 9.59	0	
Marske School (Filtered)	8.10.59	0	
Marske School (Raw)	8.10.59	11	2
St. Martins	23. 9.59	0	
St. Martins	8.10.59	0	
Thorpe Farm	10. 8.59	0	

SEWERAGE AND DRAINAGE

8. Portion of District still requiring Sewerage Systems.

The following Parishes remain unsewered:-

Appleton^{*}, Aske^{*}, Brough^{*}, Caldwell, Carkin and Forcett^{*}, Colburn (village), Dalton, Downholme, Easby^{*}, Ellerton-on-Swale^{*}, Gayles, Hipswell (part), Kirby Hill, Layton East, Layton West^{*}, Marske, Moulton, New Forest^{*}, Ravensworth, Stainton^{*}, Stanwick St. John^{*}, Tunstall, Uckerby^{*}, Walburn^{*}, and Whashton.

^{*}Denotes small estates and isolated properties.

Although it is desirable that all larger villages be provided with proper sewerage facilities, the most urgent are the villages of Tunstall, Moulton and Ravensworth. The former is well advanced and work is in hand along with Colburn and Walkerville.

The reconstruction of the sewage works at Melsonby and Middleton Tyas is in hand. When completed they will deal adequately with the demands of the respective villages.

9. Sewerage Schemes.

None have been completed during the year under review.

10. Sanitary Accommodation.

As villages are provided with water carriage and disposal, many properties are converting existing insanitary conservancy systems to water carriage. Grant Aid is given for conversions to water carriage.

REFUSE COLLECTION

11. Refuse Collection Service.

This service is operated by direct labour administered by the Council's Engineer and Surveyor. A weekly collection is maintained from the centred population throughout the District, with the exception of New Forest, Stainton and Walburn, also part of Catterick Camp which is collected by the Military Authorities.

The total cost of providing this service for the year 1959 was £4,825 approximately compared with £3,000 for 1958.

The method of disposal is by tipping, which is controlled as far as possible, and as top soil is available.

HOUSING

12. Improvement Grants - Housing (Financial Provisions) Act, 1958 and Housing Act, 1959.

Thirty-six applications for grants were received during the year, and thirty-five were granted by the Council.

13. Number of houses erected by the Council.

Twenty-four houses were erected by the Council during the year 1959.

14. Private Enterprise Building.

Seven houses were completed by private enterprise during the year 1959.

15. Housing Survey.

Fifty-six houses were inspected during the year, and the categories into which these were placed are as follows:-

Cat. 1. Satisfactory in all respects	...	...	...	-
" 2. Minor defects	...	...	...	-
" 3. Requiring repairs or structural alterations...				49
" 5. Unfit for habitation	...	...	...	7

As at the 31st December, 1959, there were 3,326 dwellings within the district, in addition to this number there are 1626 War Department and Royal Air Force owned Quarters at Catterick Camp and Catterick Village. Included in this figure are 702 Council houses and some 393 farms which are excluded from the survey.

Details of houses inspected to December, 1959, are as follows:-

Cat. 1. Satisfactory in all respects	...	...	...	675
2. Minor defects	...	...	...	607
3. Requiring repairs or structural alterations...				709
5. Unfit for habitation	...	...	...	<u>202</u>
				<u>2193</u>

A review of the Housing position showed that all defective houses unfit for habitation were best dealt with as individual unfit houses. The Council have not therefore declared any houses to be clearance areas.

16. Overcrowding.

Action in respect of over-crowding was not necessary during the year.

17. Action taken during the year ended December, 1959.

Details of action taken in respect of housing during the year are as follows:-

Number of Informal Notices served	...	...	...	21
Statutory Notices served under Section 9	...	...	...	-
Statutory Notices served under Section 16	...	...	...	7
Statutory Notices served under Section 17)	...	...	...	-
Closing Orders)	...	...	...	7
Demolition Orders)	...	...	...	1

18. Summary of Public Health Inspectors' Visits during the year.

Housing:-

Under Public Health Acts	...	...	...	...	...	-
Under Housing Acts	...	...	...	...	...	1025
Overcrowding	...	...	...	...	...	1
Filthy or Verminous Premises	...	...	...	...	...	2
Miscellaneous Housing Visits	...	...	...	...	...	43
						<u>1071</u>

INSPECTION AND SUPERVISION OF FOOD

19. Inspection of Meat.

The following animals were slaughtered and inspected at the three slaughterhouses within the Council's District:-

Beasts	Calves	Sheep	Lambs	Pigs	Total
236	2	838	24	298	1398

The following meat was rejected at the slaughterhouses:-

2 sets Sheeps Lungs (Pneumonia)	1 Pig (Swine Erysipelas)
2 sets Pigs Lungs (Pneumonia)	1 Ewe and 1 Lamb (Casualties)
1 Beast's Head (Abcessed)	3 Pigs Heads (Tuberculosis)
2 Beasts Heads, Tongues and Lungs (Tuberculosis)	
1 Beast's Liver (Tuberculosis)	1 Sheep's Liver (Fluke)
1 Pig's Liver (Cirrhosis)	10 Beasts Livers (Fluke & Abcesses)

20. Slaughter of Animals Acts, 1933-1958.

Twelve renewal licences were granted to persons to slaughter animals during 1959.

21. Milk (Special Designation) (Raw Milk) Regulations, 1949-1954.

During the year thirty licences were granted by the North Riding of Yorkshire County Council for the production of "T.T" milk within the Council's District, and six "T.T." licences were cancelled.

22. Premises Used for the Preparation or Sale of Food.

Details of the food premises within the Council's District are as follows:-

General Stores and Grocers	...	...	...	...	...	...	44
Greengrocers	...	...	...	...	...	...	4
Butchers	...	...	...	...	...	...	7
Fried Fish Shops	...	...	...	...	...	...	6
Bakers	...	...	...	...	...	...	3
Cafes	...	...	...	...	...	...	13
Licensed Premises...	...	...	...	...	...	...	45
Non-licensed Hotels (holding a catering licence)...	...	...	...	...	...	...	3
School Canteens	...	...	...	...	...	...	13
Other Catering Premises (including two Hospitals)	...	...	...	...	...	...	8
Canteens (provided for Military Personnel)	...	...	...	...	...	...	31
							<u>177</u>

Of the above premises seventy are registered for the sale of pre-packed ice-cream.

23. Food Hygiene.

During the year 338 inspections of food premises have been made, and informal action has secured improved compliance with the Food Hygiene Regulations in 21 cases.

Pamphlets and Notices have again been distributed to food traders, and their co-operation sought in improving the standard of hygiene in their premises.

The majority of the licensed premises within the Council's District have now been brought up to the required standard.

24. Informal Action - Food and Drugs Act, 1955.

Four informal notices were served under the Food and Drugs Act, 1955 during the year.

25. Unsound Food.

In response to complaints, the following items of food were examined during the year and condemned as unfit for human consumption:-

11 lbs. 4 ozs. Cooked Ham	}	Tinned.
50 lbs. 10 ozs. Pork Shoulder		
30 lbs. 0 ozs. Pork Luncheon Meat		
30 lbs. 0 ozs. Frozen Rabbits		
35 Tins Unsweetened Milk		

The methods used for the disposal of unsound food are incineration and burial at the Council's refuse tips.

26. Summary of Public Health Inspectors' Visits during the Year.

Food Premises and Food Inspections:-

Meat Inspection Visits	...	...	...	...	276
Slaughterhouse Visits	...	...	...	...	13
Visits to Butchers	...	...	...	...	44
Visits in connection with Unsound Food..	...				4
Visits to Grocers	...	...	...	...	65
Visits to Greengrocers	...	...	...	...	4
Visits to Dairies	...	...	...	...	2
Visits to Ice-cream Premises	...	...	...	...	56
Visits to Food Preparing Premises	...	...	...	...	13
Visits to Bakeries	...	...	...	...	5
Visits to Canteens	...	...	...	...	13
Visits to Cafes	...	...	...	...	92
Miscellaneous Food Visits...	4
Fried Fish Shops	9
Bakers Shops	5
Mobile Shops	3
Snack Bars	6
					<hr/>
					614
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SANITARY ADMINISTRATION OF THE DISTRICT

27. Infectious Disease - Disinfection of Premises.

One property was disinfected during the year.

28. Moveable Dwellings.

In pursuance of the provision of the Public Health Act, 1936, twenty-five licences to station and use caravans and three licences to use land for caravan sites were issued during the year. Of these seven caravan licences and two land licences were renewals. All licences were issued subject to the usual conditions for securing sanitary conditions.

29. Formal Action - Public Health Act, 1936.

Two formal notices under the Public Health Act, 1936, section 93, were served in respect of nuisances during the year.

30. Informal Action - Public Health Act, 1936.

Twelve informal notices under the Public Health Act, 1936, were served in respect of nuisances during the year.

31. Factories Act, 1937 and 1948.

Fifty-nine inspections were made under the Factories Acts during the year.

32. Shops Act, 1950.

Two certificates of exemption were granted under the Shops Act, 1950, section 38, in respect of sanitary conveniences.

33. Food Hygiene Regulations, 1955.

One certificate of exemption was granted under the Food Hygiene Regulations, 1955, sections 15, 16, 18 and 19, in respect of water supply, wash-hand basin, accommodation for clothing etc., and facilities for washing food and equipment.

34. Summary of Public Health Inspectors' Visits during the Year.

General Sanitation:-

Water Supply	...	...	...	...	...	...	78
Drainage	...	...	...	...	...	...	268
Stables and Piggeries	..	...	...	...	...	...	73
Knackers Yards	...	...	...	...	...	...	45
Tents, Vans and Sheds	..	...	...	...	...	...	176
Factories	...	...	...	...	...	...	59
Refuse Disposal	...	...	...	...	...	...	9
Rodent Control	...	...	...	...	...	...	29
Smoke Observations	...	...	...	...	...	...	17
Schools	...	...	...	...	...	...	5
Licensed Premises	...	...	...	...	...	...	49
Waste Food Plants	...	...	...	...	...	...	25
Verminous Premises	...	...	...	...	...	...	2
Public Conveniences	...	...	...	...	...	...	3
Fire Regulations	...	...	...	...	...	...	21
Miscellaneous Sanitary Visits		...	...	...	...	...	158
Places of Entertainment		...	...	...	...	...	3
Nuisances	...	...	...	...	...	...	53
Outworkers	...	...	...	...	...	...	2
							<hr/>
							1075
							<hr/>

RODENT AND INSECT CONTROL

35. Prevention of Damage by Pests Act, 1949.

Particulars of the work carried out under the Prevention of Damage by Pests Act, 1949, are set out in Table II appended to this report.

The income for the year ended 31st March, 1959, amounted to £609 . 5s. 7d. as compared with £518. 16s. 11d. for the previous year. During the year under review 68 annual contracts were obtained, representing a total sum of £538. 0s. 0d.

TABLE I.

Bacteriological Examinations - Council Water Supplies

System	Date of Sample	Excellent	Classification		
			Satisfactory	Suspicious	Unsatisfactory
Crumma (chlorinated)	Probable number of coliform bacilli per 100 ml.				
Aldbrough St. John	27. 1.59	0			
Aldbrough St. John	1. 4.59	0			
Aldbrough St. John	28. 4.59	0			
Eppleby	28. 4.59	0			
Gayles	24. 2.59	0			
Gilling	1. 4.59	0			
Gilling	28. 4.59	0			
Gilling	1.12.59	0			
Kirby Hill	3.12.59	0			
Layton East	1.12.59	0			
Melsonby	27. 1.59	0			
Melsonby	27. 1.59	0			
Melsonby	1. 4.59	0			
Melsonby	28. 4.59	0			
Melsonby	21. 7.59	0			
Melsonby	1.12.59	0			
Middleton Tyas	3. 6.59	0			
Newsham	24. 2.59	0			
Newsham	3.12.59	0			
Ravensworth	1.12.59	0			
Scotch Corner	21. 7.59	0			
Skeeby	21. 7.59	0			

TABLE I. (Contd.)

Bacteriological Examinations - Council Water Supplies

System	Date of Sample	Excellent	Classification		
			Satisfactory	Suspicious	Unsatisfactory

Gandale (chlorinated)					
Brompton	11. 2.59	0			
Brompton	31. 8.59	0			
Catterick Village	11. 2.59	0			
Catterick Village	3. 6.59	0			
Catterick Village	31. 8.59	0			
Cowton North	1. 4.59	0			
Cowton North	3. 6.59	0			
Hipswell	29. 7.59	0			
Scorton	11. 2.59	0			
Scotton	31. 8.59	0			
Tunstall	11. 2.59	0			
Tunstall	3. 6.59	0			
Tunstall	31. 8.59	0			
Downholme (not chlorinated)	8.10.59	(5 coliform bacilli and 5 faecal coli)			
Downholme (chlorinated)	23. 9.59	(25 coliform bacilli and 25 faecal coli)			
Hudswell (not chlorinated)	23. 9.59	(13 coliform bacilli and 1 faecal coli)			

TABLE II.

Prevention of Damage by Pests Act, 1949.

Report for 9 months ended 31st December, 1959.

	Type of Property				
	Local Authority	Dwelling Houses	All other (including business premises)	Total of Columns (1) (2) & (3)	Agriculture
	(1)	(2)	(3)	(4)	(5)
I. Total number of properties in the district	23	2933	328	3284	393
II. Number of properties inspected as a result of:					
(a) Notification		19	12	31	11
(b) Survey under the Act	23	143	25	190	137
(c) Otherwise	9	308	328	645	43
III. Total inspections including re-inspections	35	778	786	1599	254
IV. Number of properties which were found to be infested by:					
(a) Rats-Major	2	-	-	2	3
-Minor	6	28	9	43	65
(b) Mice-Major	-	1	-	1	1
-Minor	-	2	5	7	18
V. Number of infested properties treated by the Council	8	31	14	53	69
IV. Total treatments carried out including re-treatments	8	31	15	54	106
VII. Number of "Block" control schemes carried out	2	(In respect of 7 dwellings)			

See NOTE overleaf.

NOTE:

* Excluding War Department owned properties at Catterick Camp and R.A.F.-owned properties at Catterick Village.

- (a) With the exception of agricultural properties, a property means one which is entered separately in the Valuation Roll.
- (b) Council-owned houses are entered in Column (2).
- (c) Sewers are not included.
- (d) Combined dwellings and business premises where occupied by the same person, are regarded as business premises and entered in Column (3). Where the dwellings and business parts are in separate occupation, separate entries are made in Columns (2) and (3).
- (e) Each property is entered once only in respect of inspections, infestations and treatments.

The first of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

(a) The first of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

(b) The second of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

(c) The third of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

(d) The fourth of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

(e) The fifth of these is the fact that the system is not self-sufficient. It is dependent on the outside world for many of its needs.

Prescribed Particulars of the Administration
of the Factories Act, 1937.

PART I OF THE ACT.

1 - INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	5	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.....	37	40	1	Nil
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	14	14	-	-
Total	56	59	1	-

2 - Cases in which DEFECTS were found

(If defects are discovered at the premises of two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars (1)	Number of cases in which defects were found				Numner of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	To.H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-

PART VII OF THE ACT.

OUTWORK

(Section 110 and 111)

Nature of Work (1)	Section 110			Section 111		
	No. of outworkers in August list required by section 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel } Making etc.,	1	Nil	Nil	Nil	Nil	Nil
} Cleaning and Washing	-	-	-	-	-	-
Household Linen	-	-	-	-	-	-
Lace, Lace Curtains and nets	-	-	-	-	-	-
Curtains and furniture hangings	-	-	-	-	-	-
Furniture and Upholstery	-	-	-	-	-	-
Electro-plate	-	-	-	-	-	-
File making	-	-	-	-	-	-
Brass and brass articles	-	-	-	-	-	-
Fur pulling	-	-	-	-	-	-
Iron and steel cables and chains	-	-	-	-	-	-

THE REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE FOR THE YEAR 1881

LANDS IN THE POSSESSION OF THE CROWN		LANDS IN THE POSSESSION OF THE SEVERAL LORDS AND OTHERS		LANDS IN THE POSSESSION OF THE SEVERAL LORDS AND OTHERS		LANDS IN THE POSSESSION OF THE SEVERAL LORDS AND OTHERS	
ACRES	ROBOTS	ACRES	ROBOTS	ACRES	ROBOTS	ACRES	ROBOTS
101	10	10	10	10	10	10	10
102	10	10	10	10	10	10	10
103	10	10	10	10	10	10	10
104	10	10	10	10	10	10	10
105	10	10	10	10	10	10	10
106	10	10	10	10	10	10	10
107	10	10	10	10	10	10	10
108	10	10	10	10	10	10	10
109	10	10	10	10	10	10	10
110	10	10	10	10	10	10	10
111	10	10	10	10	10	10	10
112	10	10	10	10	10	10	10
113	10	10	10	10	10	10	10
114	10	10	10	10	10	10	10
115	10	10	10	10	10	10	10
116	10	10	10	10	10	10	10
117	10	10	10	10	10	10	10
118	10	10	10	10	10	10	10
119	10	10	10	10	10	10	10
120	10	10	10	10	10	10	10
121	10	10	10	10	10	10	10
122	10	10	10	10	10	10	10
123	10	10	10	10	10	10	10
124	10	10	10	10	10	10	10
125	10	10	10	10	10	10	10
126	10	10	10	10	10	10	10
127	10	10	10	10	10	10	10
128	10	10	10	10	10	10	10
129	10	10	10	10	10	10	10
130	10	10	10	10	10	10	10
131	10	10	10	10	10	10	10
132	10	10	10	10	10	10	10
133	10	10	10	10	10	10	10
134	10	10	10	10	10	10	10
135	10	10	10	10	10	10	10
136	10	10	10	10	10	10	10
137	10	10	10	10	10	10	10
138	10	10	10	10	10	10	10
139	10	10	10	10	10	10	10
140	10	10	10	10	10	10	10
141	10	10	10	10	10	10	10
142	10	10	10	10	10	10	10
143	10	10	10	10	10	10	10
144	10	10	10	10	10	10	10
145	10	10	10	10	10	10	10
146	10	10	10	10	10	10	10
147	10	10	10	10	10	10	10
148	10	10	10	10	10	10	10
149	10	10	10	10	10	10	10
150	10	10	10	10	10	10	10
151	10	10	10	10	10	10	10
152	10	10	10	10	10	10	10
153	10	10	10	10	10	10	10
154	10	10	10	10	10	10	10
155	10	10	10	10	10	10	10
156	10	10	10	10	10	10	10
157	10	10	10	10	10	10	10
158	10	10	10	10	10	10	10
159	10	10	10	10	10	10	10
160	10	10	10	10	10	10	10
161	10	10	10	10	10	10	10
162	10	10	10	10	10	10	10
163	10	10	10	10	10	10	10
164	10	10	10	10	10	10	10
165	10	10	10	10	10	10	10
166	10	10	10	10	10	10	10
167	10	10	10	10	10	10	10
168	10	10	10	10	10	10	10
169	10	10	10	10	10	10	10
170	10	10	10	10	10	10	10
171	10	10	10	10	10	10	10
172	10	10	10	10	10	10	10
173	10	10	10	10	10	10	10
174	10	10	10	10	10	10	10
175	10	10	10	10	10	10	10
176	10	10	10	10	10	10	10
177	10	10	10	10	10	10	10
178	10	10	10	10	10	10	10
179	10	10	10	10	10	10	10
180	10	10	10	10	10	10	10
181	10	10	10	10	10	10	10
182	10	10	10	10	10	10	10
183	10	10	10	10	10	10	10
184	10	10	10	10	10	10	10
185	10	10	10	10	10	10	10
186	10	10	10	10	10	10	10
187	10	10	10	10	10	10	10
188	10	10	10	10	10	10	10
189	10	10	10	10	10	10	10
190	10	10	10	10	10	10	10
191	10	10	10	10	10	10	10
192	10	10	10	10	10	10	10
193	10	10	10	10	10	10	10
194	10	10	10	10	10	10	10
195	10	10	10	10	10	10	10
196	10	10	10	10	10	10	10
197	10	10	10	10	10	10	10
198	10	10	10	10	10	10	10
199	10	10	10	10	10	10	10
200	10	10	10	10	10	10	10

PART VII OF THE ACT (Contd.)

OUTWORK

(Sections 110 and 111)

Nature of Work (1)	Section 110			Section 111		
	No. of out-workers in August list required by section 110 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Iron and steel anchors and grapnels	-	-	-	-	-	-
Cart gear	-	-	-	-	-	-
Locks, latches and keys	-	-	-	-	-	-
Umbrellas etc.	-	-	-	-	-	-
Artificial flowers	-	-	-	-	-	-
Nets other than wire nets	-	-	-	-	-	-
Tents	-	-	-	-	-	-
Sacks	-	-	-	-	-	-
Racquet and tennis balls	-	-	-	-	-	-
Paper bags	-	-	-	-	-	-

Particulars (1)	Number of cases in which defects were found				Number cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
Total	1	1	-	1	-

Summary of the results of the investigation					Remarks
Station	Time	Direction	Speed	Distance	
1	10.00	N	10	1.0	
2	10.10	N	10	2.0	
3	10.20	N	10	3.0	
4	10.30	N	10	4.0	
5	10.40	N	10	5.0	
6	10.50	N	10	6.0	
7	11.00	N	10	7.0	
8	11.10	N	10	8.0	
9	11.20	N	10	9.0	
10	11.30	N	10	10.0	
11	11.40	N	10	11.0	
12	11.50	N	10	12.0	
13	12.00	N	10	13.0	
14	12.10	N	10	14.0	
15	12.20	N	10	15.0	
16	12.30	N	10	16.0	
17	12.40	N	10	17.0	
18	12.50	N	10	18.0	
19	13.00	N	10	19.0	
20	13.10	N	10	20.0	
21	13.20	N	10	21.0	
22	13.30	N	10	22.0	
23	13.40	N	10	23.0	
24	13.50	N	10	24.0	
25	14.00	N	10	25.0	
26	14.10	N	10	26.0	
27	14.20	N	10	27.0	
28	14.30	N	10	28.0	
29	14.40	N	10	29.0	
30	14.50	N	10	30.0	
31	15.00	N	10	31.0	
32	15.10	N	10	32.0	
33	15.20	N	10	33.0	
34	15.30	N	10	34.0	
35	15.40	N	10	35.0	
36	15.50	N	10	36.0	
37	16.00	N	10	37.0	
38	16.10	N	10	38.0	
39	16.20	N	10	39.0	
40	16.30	N	10	40.0	
41	16.40	N	10	41.0	
42	16.50	N	10	42.0	
43	17.00	N	10	43.0	
44	17.10	N	10	44.0	
45	17.20	N	10	45.0	
46	17.30	N	10	46.0	
47	17.40	N	10	47.0	
48	17.50	N	10	48.0	
49	18.00	N	10	49.0	
50	18.10	N	10	50.0	
51	18.20	N	10	51.0	
52	18.30	N	10	52.0	
53	18.40	N	10	53.0	
54	18.50	N	10	54.0	
55	19.00	N	10	55.0	
56	19.10	N	10	56.0	
57	19.20	N	10	57.0	
58	19.30	N	10	58.0	
59	19.40	N	10	59.0	
60	19.50	N	10	60.0	
61	20.00	N	10	61.0	
62	20.10	N	10	62.0	
63	20.20	N	10	63.0	
64	20.30	N	10	64.0	
65	20.40	N	10	65.0	
66	20.50	N	10	66.0	
67	21.00	N	10	67.0	
68	21.10	N	10	68.0	
69	21.20	N	10	69.0	
70	21.30	N	10	70.0	
71	21.40	N	10	71.0	
72	21.50	N	10	72.0	
73	22.00	N	10	73.0	
74	22.10	N	10	74.0	
75	22.20	N	10	75.0	
76	22.30	N	10	76.0	
77	22.40	N	10	77.0	
78	22.50	N	10	78.0	
79	23.00	N	10	79.0	
80	23.10	N	10	80.0	
81	23.20	N	10	81.0	
82	23.30	N	10	82.0	
83	23.40	N	10	83.0	
84	23.50	N	10	84.0	
85	24.00	N	10	85.0	
86	24.10	N	10	86.0	
87	24.20	N	10	87.0	
88	24.30	N	10	88.0	
89	24.40	N	10	89.0	
90	24.50	N	10	90.0	
91	25.00	N	10	91.0	
92	25.10	N	10	92.0	
93	25.20	N	10	93.0	
94	25.30	N	10	94.0	
95	25.40	N	10	95.0	
96	25.50	N	10	96.0	
97	26.00	N	10	97.0	
98	26.10	N	10	98.0	
99	26.20	N	10	99.0	
100	26.30	N	10	100.0	

